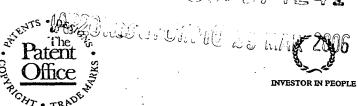
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Nokia Corporation % Venner, Shipley & Co 20 Little Britain LONDON EC1A 7DH

Your Reference: PJP/44632GB1 Application No: GB 0322777.4

5 December 2003

Dear Sirs

Patents Act 1977: Search Report under Section 17(5)

I enclose two copies of my search report and a copy of the citations.

The Patent Office Patents Directorate

Concept House Cardiff Road, Newport South Wales NP10 800

Examiner: 01633 814745

[†]E-mail: adam.tucker@patent.gov.uk

Switchboard: 01633 814000

Fax: 01633 814444 Minicom: 08459 222250 DX 722540/41 Cleppa Park 3 http://www.patent.gov.uk

Publication

I estimate that, provided you have met all the formal requirements, preparations for publication of your application will be completed soon after 22 February 2005. At this time you will receive a letter confirming the exact date when the preparations for publication will be completed. This letter will also tell you the publication number and date of publication of your application.

Withdrawal/amendment

If you wish to withdraw your application before it is published you must do so before the preparations for publication are complete. **WARNING** - after preparations for publication are complete it will NOT be possible to withdraw your application from publication.

If you wish to file amended claims for inclusion with the published application you must do so before the preparations for publication are completed. If you write to the Office less than 3 weeks before 22 February 2005 please mark your letter prominently:







Application No: GB 0322777.4

Page 2

5 December 2003

"URGENT - PUBLICATION IMMINENT".

Yours faithfully

Adam Tucker Examiner







Application No: Claims searched:

GB 0322777.4

1-29

Examiner:

Adam Tucker

Date of search:

4 December 2003

Patents Act 1977: Search Report under Section 17

Documents considered to be relevant:

Category	Relevant to claims	Identity of document and passage or figure of particular relevance		
X	1-6, 14-19 & 24-29	WO 00/70457 A1	(Onmnipoint) See in particular page 3 lines 9-25, page 5 lines 11-14 and lines 25-26, page 12 line 25-page 13 line 16 and claims 1-4	
x	1, 2 & 24- 29	EP 1306997 A1	(Fujitsu) See in particular paras 19 & 23	
X	1, 20, 22, 24-29	US 20020054608 A1	(Wan et al.) See in particular paras 21-32, 137-138, 146 & 148	
A		EP 1071221 A1	(Matsushita) See in particular claims 1-12	

Categories:

x	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKCV:

H4P, H4L

Worldwide search of patent documents classified in the following areas of the IPC:

H03M, H04B, H04H, H04N

The following online and other databases have been used in the preparation of this search report:

WPI, EPODOC, PAJ, INSPEC